

Title (en)  
Fluid transfer device and system

Title (de)  
Fluidtransfervorrichtung und System

Title (fr)  
Dispositif et système de transfert de fluides

Publication  
**EP 2336610 B1 20190213 (EN)**

Application  
**EP 10189175 A 20101028**

Priority  
US 28017209 P 20091030

Abstract (en)  
[origin: EP2336610A2] Fluid transfer apparatus including a body (4) having a bore (10) formed through at least a portion of its interior. Contained within the bore (10) is a movable plunger (18) that moves without changing the axial dimensions of the body. A first end (6) of the body contains a face designed to be attached to an upstream component. A second end (8) of the body is connected to a downstream component such as a filter, pipeline, etc. A first end of the plunger (18), when it is in the closed position, is in alignment with the face of the body, which combined form a steampable surface and a sterile barrier against the environment to the remainder of the interior of the body, the plunger (18) and downstream components. An outer annular collar is rotatable relative to the body and causes the plunger (18) to move axially within the bore from an open to a closed position.

IPC 8 full level  
**F16K 1/12** (2006.01)

CPC (source: EP US)  
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Cited by  
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Designated contracting state (EPC)  
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